partitioning a plurality of data bits into packets; and,

encoding the plurality of data bits by assigning each packet to a corresponding member of the subset.

9. (Amended) A method for increasing a terminal capacity of a CDMA communication system, comprising the steps of:

providing a set of orthogonal codes;

assigning a plurality of the orthogonal codes in the set to a transmission; and,

decreasing power associated with the transmission thereby increasing a number of transmissions capable of utilizing the CDMA communication system at a given time.

10. (Amended) A method for increasing an amount of data transmitted by a CDMA communication system, comprising the steps of:

providing a set of orthogonal codes;

assigning a plurality of the orthogonal codes in the set to a transmission; and

increasing a data rate associated with the transmission thereby increasing the amount of data transmitted by the CDMA communication system.

11. (Amended) A method for decreasing the errors in a CDMA communication system, comprising the steps of:

providing a set of orthogonal codes;

assigning a plurality of the orthogonal codes in the set to a transmission; and,

lengthening an error code associated with the transmission thereby decreasing the number of errors in the CDMA communication system.

Please add new claims 22-33 as follows:

--22. (New) A method as claimed in claim 8, further comprising:

accessing a lookup table to obtain said orthogonal codes.

23. (New) A method as claimed in claim 8, further comprising:

providing said set of orthogonal codes from a base station to a terminal; and

wherein said two partitioning steps and said encoding step are performed at said terminal.

24. (New) A method as claimed in claim 8, wherein:

said step of partitioning said set of orthogonal codes is performed at a base station;

said base station provides said subset to a terminal; and

said data bit partitioning step and said encoding step are performed at said terminal.

25. (New) A method as claimed in claim 9, wherein:

said providing step includes accessing a lookup table to obtain said orthogonal codes.

26. (New) A method as claimed in claim 9, wherein:

said providing step provides said set of orthogonal codes from a base station to a terminal; and

said assigning and power decreasing steps are performed at said terminal.

27. (New) A method as claimed in claim 9, wherein:

said providing and assigning steps are performed at a base station;

said base station provides said assigned orthogonal codes to a terminal; and

said power decreasing step is performed at said terminal.

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28. (New) A method as claimed in claim 10, wherein:

said providing step includes accessing a lookup table to obtain said orthogonal codes.

29. (New) A method as claimed in claim 10, wherein:

said providing step provides said set of orthogonal codes from a base station to a terminal; and

said assigning and increasing steps are performed at said terminal.

30. (New) A method as claimed in claim 10, wherein:

said providing and assigning steps are performed at a base station;

said base station provides said assigned orthogonal codes to a terminal; and

said increasing step is performed at said terminal.

31. (New) A method as claimed in claim 11, wherein:

said providing step includes accessing a lookup table to obtain said orthogonal codes.

32. (New) A method as claimed in claim 11, wherein:

said providing step provides said set of orthogonal codes from a base station to a terminal; and

said assigning and lengthening steps are performed at said terminal.

33. (New) A method as claimed in claim 11, wherein:

said providing and assigning steps are performed at a base station;

said base station provides said assigned orthogonal codes to a terminal; and

said lengthening step is performed at said terminal.

34. (New) A method as claimed in claim 8, wherein:

said plurality of members includes at least three members.

35. (New) A method as claimed in claim 9, wherein:

said plurality includes at least three of the orthogonal codes.

36. (New) A method as claimed in claim 10, wherein:

said plurality includes at least three of the orthogonal codes.